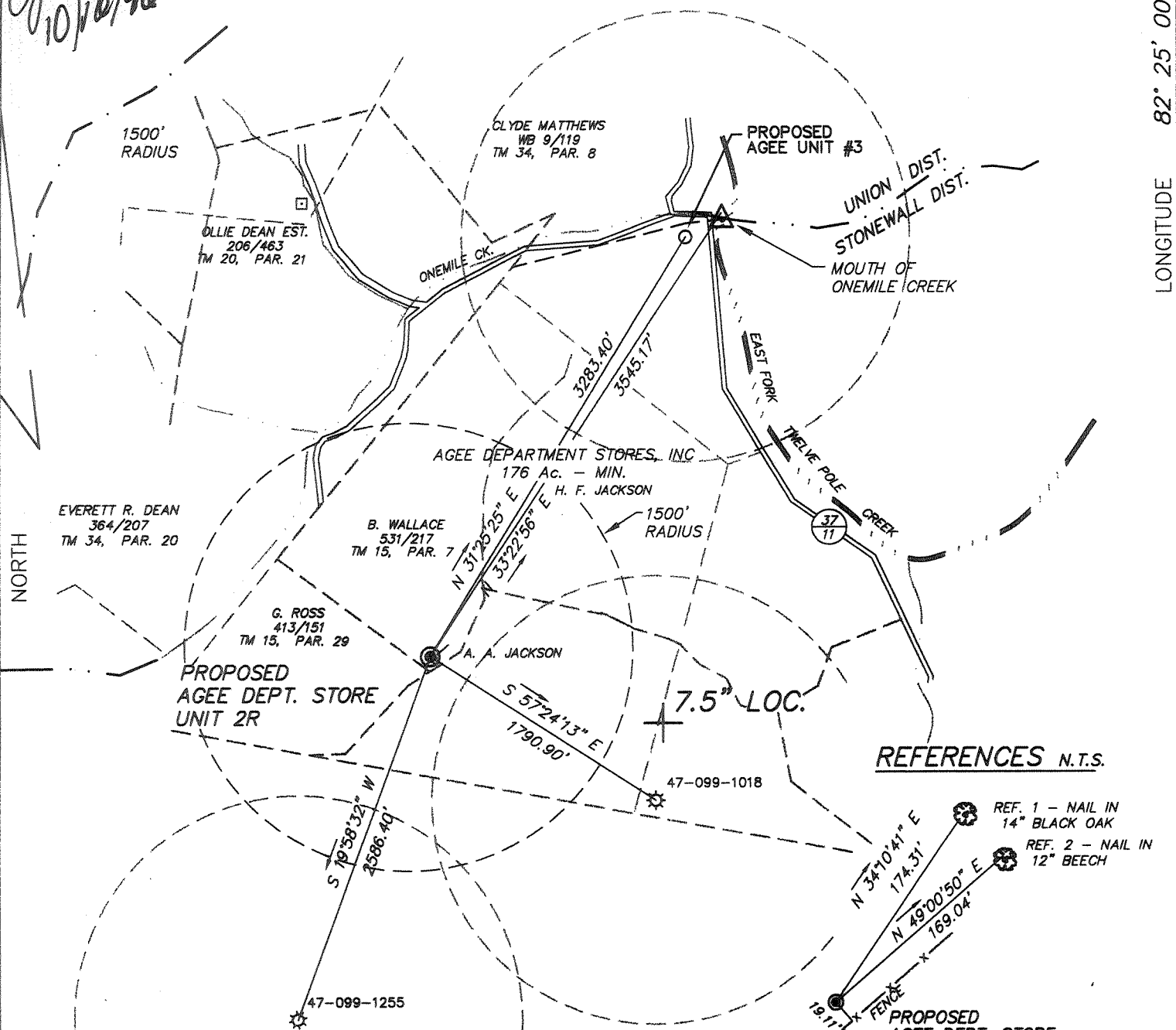


*Amie
10/16/96*

LATITUDE 38° 12' 30"

LONGITUDE 82° 25' 00"



REFERENCES N.T.S.

- REF. 1 - NAIL IN 14" BLACK OAK
- REF. 2 - NAIL IN 12" BEECH

NOTE: NO POSSIBLE WATER SOURCES LOCATED WITHIN 1000' OF PROPOSED LOCATION
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 8723-499
 DRAWING No. AGEE UNIT 2R
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION SPOT ELEV. ON TOP OF KNOB EL. 1155

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES
 (SIGNED) William J. Whitman R.P.S.
 R.P.E. _____ R.P.S. 646

WILLIAM J. WHITMAN
 REGISTERED
 No. 646
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPT. 11 19 96
 OPERATOR'S WELL No. AGEE UNIT 2R
 API WELL No. 47 099-01899-P

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1024.82 WATER SHED ONEMILE CREEK OF EAST FORK OF TWELVE POLE CREEK
 DISTRICT STONEWALL COUNTY WAYNE
 QUADRANGLE WAYNE, W. VA.

SURFACE OWNER B. WALLACE by tax map; G. ROSS claims surface ACREAGE 75
 OIL & GAS ROYALTY OWNER AGEE DEPARTMENT STORES, INC. LEASE ACREAGE _____
 LEASE No. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Big Six ESTIMATED DEPTH 4225' MAY 23 1997
 WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

DESP 10511 6-D. Sidner (353)

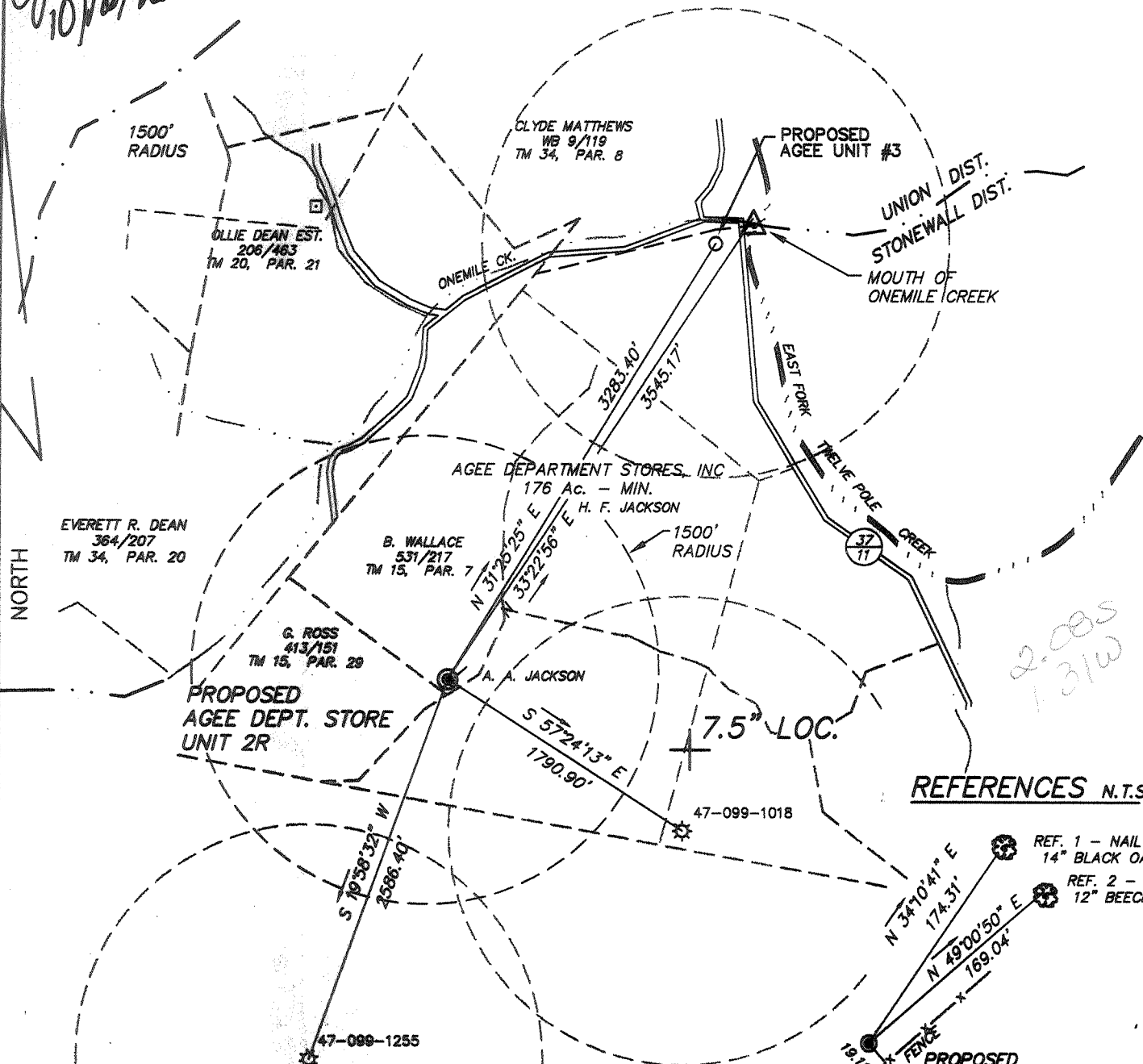
FORM IV-6 (8-78)

WAY 1899

James
10/16/96

LATITUDE 38° 12' 30"

LONGITUDE 82° 25' 00"



REFERENCES N.T.S.

2.085
1.31W

NOTE: NO POSSIBLE WATER SOURCES LOCATED WITHIN 1000' OF PROPOSED LOCATION

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 8723-499
 DRAWING No. AGEE UNIT 2R
 SCALE 1" = 1000'
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(SIGNED) William J. Whitman R.P.S.
 R.P.E. _____ R.P.S. 646



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPT. 11 19 96
 OPERATOR'S WELL No. AGEE UNIT 2R
 API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 099-01899 PERMIT
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1024.82 WATER SHED ONEMILE CREEK OF EAST FORK OF TWELVE POLE CREEK
 DISTRICT STONEWALL COUNTY WAYNE
 QUADRANGLE WAYNE, W. VA.

SURFACE OWNER B. WALLACE by tax map; G. ROSS claims surface ACREAGE 75
 OIL & GAS ROYALTY OWNER AGEE DEPARTMENT STORES, INC. LEASE ACREAGE _____
 LEASE No. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Big Six ESTIMATED DEPTH 4225'
 WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

FORM IV-6 (8-78)

WEST VIRGINIA WAYNE

CABOT O&G
A-2R AGEE DEPARTMENT
EL: 1025 GR

API 47-099-21899

* PERMIT 1899
38.12.30 82.25.00
10900 S 6900 W
D DG (GAS)
SIDNEY

SPUD: 04/08/97 **COMP:** 04/29/97 **PROJ DEPTH/FM:** 4225 BIG SIX

CONTR: JACK S W DRLG RIG # 14 (R)
DTD: 4240 **FM/TD:** KEEFER **PBTD:** 4209 (04/13/97)

**COMP 4/29/97, GAS WELL, SICP 50 PROD ZONE - CORNIFEROUS/BIG SIX 4118-4130
COMMINGLED**

LOC DESC: STONEWALL DIST; WAYNE 7.5 QUAD; 75 AC LSE; LAT: 3817840 LONG: 8244068

WELL ID CHANGES: WELL # CHGD FROM 2R

CASING: 16 @ 30, 9 5/8 @ 751 W/265 SX, 7 @ 1972 W/70 SX, 2 7/8 @ 4209 W/184 SX;

DRLR TOPS:

SALT SD	1040	-15	B/ BIG INJUN	2223	-1198
B/ SALT SD	1456	-431	SUNBURY	2223	-1198
LITTLE LIME	1456	-431	B/ SUNBURY	2265	-1240
B/ LITTLE LIME	1495	-470	BEREA	2265	-1240
BIG LIME	1495	-470	B/ BEREA	3403	-2378
B/ BIG LIME	1652	-627	CORNIFEROUS	3403	-2378
MACCRADY	1652	-627	B/ CORNIFEROUS	4119	-3094
B/ MACCRADY	1735	-710	BIG SIX	4119	-3094
BIG INJUN	1735	-710	B/ BIG SIX	4151	-3126

(OVER)

COPYRIGHT 1998 PETROLEUM INFORMATION/DWIGHTS LLC

DATE 06/03/98 CARD # 00066-AB

WEST VIRGINIA WAYNE

CABOT O&G
A-2R AGEE DEPARTMENT
EL: 1025 GR

API 47-099-21899

* PERMIT 1899
38.12.30 82.25.00
10900 S 6900 W
D DG (GAS)
SIDNEY

(CONTINUED)

KEEFER	4151	-3126	
TD	4240	-3215	

SUBSEA MEASUREMENTS FROM GR;

DRLG SHOWS: 525-525 FWTR 1180-1180 SALT SD SWTR

PROD TEST(S): PERF (CORNIFEROUS) 4118-4130,(CORNIFEROUS/BIG SIX 4118-4130) F 42 MCFD,
NATURAL

PRODUCING INTERVAL: PERF (CORNIFEROUS) 4118-4130,(CORNIFEROUS/BIG SIX 4118-4130) BDA
(4118-4130) W/250 GALS, 15% HCL AIR 3.5 BPM, FBRKP 3275, ACID (4118-4130) W/8000 GALS, 15% HCL
MTP 3275 ATP 2050, 48 SI HR,

OPER ADD: BOX 1473, CHARLESTON, WV;

DATE 06/03/98CARD # 00066-AB

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

099 1899
659

- 1) Well Operator: Cabot Oil & Gas Corporation 8145 (5)
- 2) Operator's Well Number: Agee Dept Store A-2R 3) Elevation: 1024.82
- Well type: (a) Oil / or Gas X /
- (b) If Gas: Production X / Underground Storage /
 Deep X / Shallow
- 6) Proposed Target Formation(s): Big Six 518
- 7) Proposed Total Depth: 4225 feet
- 7) Approximate fresh water strata depths: 427', 510', 632', 678'
- 8) Approximate salt water depths: 1136', 1187', 1893'
- 9) Approximate coal seam depths: 224', 531', 609'
- 10) Does land contain coal seams tributary to active mine? Yes X / No /
- 11) Proposed Well Work: Drill and complete a gas well
- 12) Based on Wayne 1018, 1255, 1276 and coal company maps

Issued 10/16/98
 Expires 10/16/98
RECEIVED
 WV Division of Environmental Protection
 SEP 23 1996
 Permitting Office of Oil & Gas

22620

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS Left in well	CEMENT Fill-up (cu. ft.)
	Size	Grade				
Conductor	16"	L.S.	65#	30'	30'	10 sks (GFS)
Fresh Water						380R-11.3
Coal	9 ⁵ / ₈ "	L.S.	32#	725'	725'	380R-11.2.2 250 sks (CTS)
Optional Intermediate	*7"	L.S.	20#	1950'	650'	70 sks
Production	2 ⁷ / ₈ "	J-55	6.5#	4175'	4175'	70 sks
Tubing	4 ¹ / ₂ "					380R-11.1
Liners						

*7" casing will be run, at company's discretion, if significant water found below 9⁵/₈" casing.
PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond _____ Agent _____
 (Type)

4793
31

SEP 23 1996
Permitting
Office of Oil & Gas

1) Date: SEPTEMBER 19, 1996
2) Operator's well number Agee Dept Store A-2R
3) API Well No: 47 - 099 - 1899
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Gaynelle Fry Ross Name Not Operated
Address Rt 3 Box 3058 Address _____
Wayne, WV 25570
- (b) Name Bazil & Jo Ann Wallace (b) Coal Owner(s) with Declaration
Address Rt 1 Box 1569 Name William Agee 502 Woodland Drive
Wayne, WV 25570 Address Huntington, WV 25705
- (c) Name _____ Name Robert W. Agee 508 Foster Road Huntington, WV 2570
Address _____ Name Kathryn Atkins Trust c/o Bank One, NA
Address PO Box 171 Huntington, WV 25706
Erle Pettus III 294 La Patera Lane Goleta, CA
- 6) Inspector Richard S. Campbell (c) Coal Lessee with Declaration 93117
Address P.O. Bpx 77 Name Suzanne P. Cartmell 24 Roble Court
Sumerco, WV 25567 Address Berkeley, CA 94705
Telephone (304)- 524-7939 Jeffrey Pettus 110 Yeargan Place
Chapel Hill, NC 25716

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
X _____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Cabot Oil & Gas Corporation
By: [Signature]
Its: Geologist
Address 400 Fairway Drive Suite 400
Coraopolis, PA 15108
Telephone (412)299-7000

Subscribed and sworn before me this 17th day of SEPTEMBER, 19 96

[Signature] Notary Public

My commission expires JUNE 17, 2000

[Signature]
Cynthia M. Stegenga, Notary Public
Wm. Schaefer Two, Washington County
No. Commission Expires June 17, 2000
Member, Pennsylvania Association of Notaries



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

September 25, 1996

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-099-01899 to drill deep well.

COMPANY: Cabot Oil and Gas Corporation

FARM: Wallace/Ross - Agee Unit #2R

COUNTY: Wayne DISTRICT: Stonewall QUAD: Wayne

The application of the above company is Approved for Big Six.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**
- 3.) Provided a plat showing that the proposed location is a distance of **750** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Loflin
Engineer

- *1,791 feet to 47-099-01018 exception
- 2,586 feet to 47-099-01255 exception
- 5,200 feet to 47-099-01869
- 4,050 feet to 47-099-01276